

# Sarix® IL10 Series Box and Micro Dome Cameras

## 1 MPX, 720P, H.264, COLOR, INDOOR IP CAMERAS WITH FIXED FOCUS

### Product Features

- 720p (1280 x 720) Resolution
- 30 Images per Second (ips)
- H.264 Compression
- Up to 2 Simultaneous Video Streams
- Selectable Bit Rate
- Minimum Illumination Down to 0.5 lux
- Integrated 68° Diagonal Field of View Lens
- Web-Based User Interface for Easy Setup and Configuration
- Multilingual Menus in User Interface (English, French, Italian, German, Spanish, Portuguese, Simplified Chinese, Russian)
- Power over Ethernet (IEEE 802.3af) or 24 VAC Options
- Compatible with Pelco and Third-Party Video Systems
- ONVIF Profile S Conformant
- 1 Year Warranty and Support from Pelco by Schneider Electric

The **Sarix IL10 Series box and dome cameras** are high-definition IP network cameras that offer a cost-effective solution for video security needs in small- and medium-sized businesses. They are part of Pelco's Value (V) range of cameras.

**IL10 Series** cameras produce high-quality, color HDTV (720p resolution at 30 ips) video. The **IL10 Series** is available in four options suitable for a variety of indoor environments:

- Box, Power over Ethernet (PoE)
- Box, 24 VAC
- In-ceiling Micro Dome, PoE
- In-ceiling Micro Dome, 24 VAC

### Convenient Power

**IL10 Series** PoE models work with PoE-enabled network switches or power injectors, eliminating the need for separate power supplies and cabling. The 24 VAC models are also offered for installations where 24 VAC power already exists.

### Quick and Reliable Installation

The **IL10 Series** is simple to install, and the integrated prefocused fixed focal length lens makes sharp scene alignment and focus a snap. The box camera models offer mounting flexibility with standard screw mounts on both the rear and bottom of the camera. The micro dome models ship with in-ceiling mounts that the camera



MICRO DOME MODEL



BOX MODEL

snaps into. Two-axis pan and tilt quickly get the micro dome pointed in the desired direction. Convenient network connectivity, along with the simple Web user interface, makes for quick plug-and-play finalization of settings and positioning adjustment.

### Web Interface

The **IL10 Series** uses a standard Web browser for easy remote setup and administration. Controls are optimized for easy one-step camera configuration for features including color, exposure, flicker control, and streaming. A one-click shutter allows you to capture sharp JPEG snapshots of the live view for documenting, positioning, or easy event recording.

### Video Streams

**IL10 Series** cameras can support two simultaneous video streams. The two streams can be compressed in H.264 format that can be individually optimized between highest quality and bandwidth/storage efficiency. The camera supports text overlay with options for time, date, and camera name.

### Systemization

The **IL10 Series** easily connects to Pelco IP and hybrid systems such as Endura® version 2.0 (or later), Digital Sentry® version 7.3 (or later), and DX4700/DX4800 hybrid video recorders. The **IL10 Series** is also conformant with ONVIF Profile S for connection with third-party video management systems.



by Schneider Electric



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# TECHNICAL SPECIFICATIONS

## MODELS

IL10-BA	Sarix IL10 indoor box camera, 24 VAC
IL10-BP	Sarix IL10 indoor box camera, PoE
IL10-DA	Sarix IL10 indoor micro dome camera, 24 VAC
IL10-DP	Sarix IL10 indoor micro dome camera, PoE

## RECOMMENDED ACCESSORIES

C10-UM	Universal camera mount
DF5	5-inch fixed mount dome enclosure
POE20U560G	Single port PoE injector
TF Series	Single 24 VAC camera power supply, indoor, input voltage 120 VAC only

## CAMERA

Imaging Device	1/6.9 inch
Imager Type	CMOS
Imager Readout	Progressive scan
Aspect Ratio	16:9
Sensitivity	f/2.0
Color (33 ms)	3.0 lux, autoswitching
Color (200 ms)	0.5 lux, autoswitching
Signal-to-Noise Ratio	50 dB
White Balance Range	2850° to 6500°K
Video Motion Detection	3 zones, plus background zone
Angle Adjustment	Pan/tilt (on micro dome model)
Lens	f/2.0
Focal Length	1.92 mm

## CONSTRUCTION

Camera Body	Polycarbonate-ABS blend
Bubble	Polycarbonate, clear

## ELECTRICAL

Input Power	24 VAC ±10% nominal; 50/60 Hz nominal
PoE	IEEE802.3af, ±10%, Class 0
Network Port	RJ-45 connector
Cabling Type	Cat5
Power Consumption	<3 W

## ENVIRONMENTAL

Operating Temperature	-0° to 40°C (32° to 104°F)
Storage Temperature	-0° to 60°C (32° to 140°F)
Operating Humidity	15% to 85%, RH (noncondensing)
Storage Humidity	15% to 85%, RH (noncondensing)

## CERTIFICATIONS/PATENTS


- CE, Class A
- FCC, Class A
- UL/cUL Listed
- KCC
- Patents are pending

## VIDEO

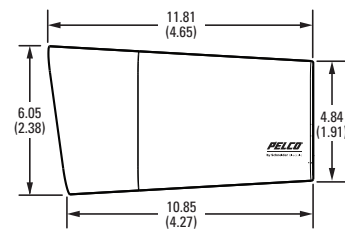
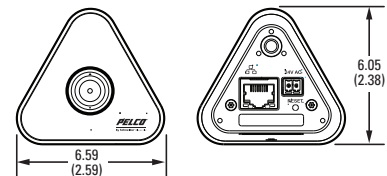
Video Encoding	H.264
Video Streams	Up to 2 simultaneous streams: 1 view and 1 record; 1280 x 720 at 30, 25, 15, or 10 ips; plus 640 x 352 at 5 ips
Frame Rate	Up to 30 ips
Maximum Resolution	1280 x 720
Supported Protocols	HTTP, RTP, RTSP, NTP, IPv4, RTCP, UPnP, SSH, SSL
Unicast Users	Up to 6 simultaneous users depending on resolution settings (2 guaranteed streams); 4 users for full resolution at 30 ips
Multicast Users	Unlimited users
Software Interface	Web browser view and setup
Pelco System Integration	Endura 2.0 (or later); Digital Sentry 7.3 (or later); DX4700/DX4800
Open API	Pelco API v1.0 or ONVIF Profile S

## PHYSICAL

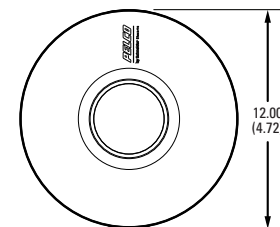
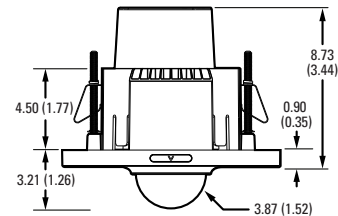
Weight	Unit	Shipping
Box	0.162 kg (0.357 lb)	0.356 kg (0.785 lb)
Micro Dome	0.264 kg (0.582 lb)	0.566 kg (1.248 lb)

 NOTE: VALUES IN PARENTHESES ARE INCHES; ALL OTHERS ARE CENTIMETERS.

### BOX MODEL



### MICRO DOME MODEL



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